

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
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Hoi-Sing KWOK et al) Group Art Unit: 2872
)
Application No.: 09/888,570) Examiner: Unassigned
)
Filed: Unassigned)
)
For: OPTICAL SYSTEMS FOR LIQUID)
CRYSTAL DISPLAY PROJECTORS)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-captioned patent application on the merits, please amend the application as follows:

IN THE CLAIMS:

Please amend claims 3, 4, 5, and 6 as follows:

3. (Amended) An optical system as claimed in claim 1 wherein the polarizing beam splitter comprises a polarizing cube with a coating designed at 45° angle of incidence that transmits p-polarized light and reflects s-polarized light.

4. (Amended) An optical system as claimed in claim 1 wherein the said dichroic beam splitter is able to reflect red color light of both s- and p-polarizations.

5. (Amended) An optical system as claimed in claim 1 wherein the said dichroic beam splitter is able to reflect blue color light of both s- and p-polarizations.

6. (Amended) An optical system as claimed in claim 1 wherein the said reflective liquid crystal light valves comprise active matrix silicon backplane microdisplays.

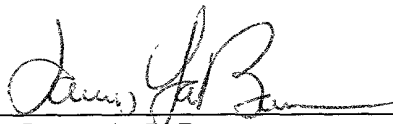
REMARKS

The foregoing amendments are being made to place the application in better condition for examination. A marked-up copy of the claims showing the changes made is attached in accordance with Rule 37 C.F.R. § 1,121. A favorable action on the merits is respectfully solicited.

Respectfully submitted,

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VERSION OF CLAIMS WITH MARKINGS TO SHOW CHANGES MADE

3. An optical system as claimed in claim 1 [and 2] wherein the polarizing beam splitter comprises a polarizing cube with a coating designed at 45° angle of incidence that transmits p-polarized light and reflects s-polarized light.

4. An optical system as claimed in claim 1 [or 2] wherein the said dichroic beam splitter is able to reflect red color light of both s- and p-polarizations.

5. An optical system as claimed in claim 1 [or 2] wherein the said dichroic beam splitter is able to reflect blue color light of both s- and p-polarizations.

6. An optical system as claimed in claim 1 [or 2] wherein the said reflective liquid crystal light valves comprise active matrix silicon backplane microdisplays.